



DEPARTMENT OF WATER RESOURCES  
EXAMINATION ANNOUNCEMENT



The Department of Water Resources offers Equal Opportunity for all regardless of race, color, creed, national origin, ancestry, sex, marital status, disability, religious or political affiliation, age, or sexual orientation.

It is an objective of the State of California to achieve a drug-free State workplace. Any applicant for State employment will be expected to behave in accordance with this objective because the use of illegal drugs is inconsistent with the law of the State, the rules governing civil service and the special trust placed in public servants.

SUPERVISING ENGINEER, WATER RESOURCES  
OPEN/NON-PROMOTIONAL

FINAL FILING DATE	MAY 18, 2012
	Application forms (STD 678) must be <b>POSTMARKED</b> no later than the final filing date. Applications postmarked, personally delivered, or received via interoffice mail after the final filing date <b>will not be accepted for any reason</b> . FAXED OR E-MAILED APPLICATIONS WILL NOT BE ACCEPTED.
WHO SHOULD APPLY	This is an open/non-promotional examination. Applications will not be accepted on a promotional basis.
HOW TO APPLY	Examination Applications (Form STD 678 Rev.6/2010) may be mailed or filed in person to:  <div>MAILING ADDRESS: Department of Water Resources P.O. Box 942836 Sacramento, CA 94236-0001</div> <div>SUBMIT IN PERSON: Department of Water Resources 1416 9th Street, Room 320 Sacramento, CA 95814</div> <b>DO NOT SEND APPLICATIONS TO THE STATE PERSONNEL BOARD OR DEPARTMENT OF WATER RESOURCES' FIELD OFFICES.</b> Applications are available at Department of Water Resources' (DWR) offices, the DWR website: <a href="http://www.water.ca.gov/jobs/currentexams.cfm">www.water.ca.gov/jobs/currentexams.cfm</a> , local office of the Employment Development Department, the State Personnel Board (SPB), and the SPB website: <a href="http://www.jobs.ca.gov">www.jobs.ca.gov</a> .
SALARY RANGE	\$8,097 – 9,842
ELIGIBLE LIST INFORMATION	An Open Non-promotional eligible list will be established for the Department of Water Resources. The list will be abolished 12 months after it is established unless the needs of the service and conditions of the list warrant a change in this period.
EXAMINATION DATES	The entire examination will consist of a Supplemental Application.
REQUIREMENTS FOR ADMITTANCE TO THE EXAMINATION	<b>NOTE:</b> All applicants must meet the minimum qualifications for this examination by the final filing date, <b>MAY 18, 2012</b>  Possession of a valid certificate of registration as a civil engineer issued by the California State Board of Registration for Professional Engineers.  and  Two years of experience performing the duties of a Senior Engineer, Water Resources, or in comparable work.
POSITION DESCRIPTION	Under general direction, plan, organize, direct, and coordinate the work of a group responsible for one or more of the activities of an engineering branch performing complex work in any phase of the State's water resources program, or to act as the departmental non-supervisory staff specialist or consultant in a specific civil engineering field; and do other related work.  <i>Positions exist statewide with the Department of Water Resources.</i>
EXAMINATION INFORMATION	This examination will consist of a <b>SUPPLEMENTAL APPLICATION 100%</b> . In order to obtain a position on the eligible list, a minimum rating of 70.00% must be attained.

SEE REVERSE SIDE FOR ADDITIONAL INFORMATION

SCOPE OF  
EXAMINATION

Supplemental Application – Weighted 100.00%

Each applicant must complete and submit his/her responses to the Supplemental Items according to the instructions **by the final file date of MAY 18, 2012**. Applications received **without** the Supplemental items **will be eliminated from the examination process**.

**GUIDELINES FOR RESPONDING TO THE SUPPLEMENTAL ITEMS:**

When responding to the Supplemental Items, please follow the guidelines below:

- Your response must be typewritten or generated by computer on 8 ½ x 11" paper.
- Your response for each question must **not** exceed one (1) typed page (12 point font).
- Put the examination title and last six digits of your social security number at the top of each page (Please do not put your name).
- Make sure your responses are complete, specific, clear and concise. Please indicate the duration of your experience, education and/or training.
- Answer each numbered item separately and indicate the corresponding item number for each response.
- Each response will be independently evaluated; therefore, it is important that you provide a complete response to each question by providing a written description of the relevant education, experience and training you have had in relation to the Knowledge and Abilities described in the examination announcement and discuss how these qualify you to carry out the responsibilities of a Supervising Engineer, Water Resources.
- The relevance and quality of your educational and length of professional experience, as described in the written response, will be evaluated and scored as well as clarity, succinctness, and organization of the written response itself.

**NOTE:** Resumes, letters and other material **WILL NOT** be evaluated or considered as responses to the Supplemental Items.

**SUPPLEMENTAL ITEMS**

**Question #1**

Please describe your experience in the development and implementation of a major project. What steps did you take to successfully plan and manage your project?

**Question #2**

You will be responsible for effectively leading and managing staff. 1) What practices have you instituted to ensure you have led and managed staff effectively and 2) how did you measure your success?

**Question #3**

List at least four very significant State laws, regulations or bond measures related to water quality, groundwater management, flood management, or providing water supply that are influencing the implementation of DWR programs and activities and concisely describe the major effect of each and any relevant job-related experience you may have.

**Question #4**

Please describe your experience, education, and training in the planning and design of water resources development and storage projects; water conveyance; flood control; project economics; water systems modeling; water utility management; water quality control and drainage systems.

**Question #5**

Please describe your experience to promote and maintain a discrimination free workplace.

In addition to evaluating the competitor's relative abilities as demonstrated by quality and breadth of experience, emphasis will be on measuring competitively, relative to job demands, each competitors:

**A. Knowledge in one or more of the following water-oriented civil engineering fields:**

1. Water resource development planning, including the science of hydrology, measurement of and evaluation procedures employed in making water resource inventories; water utilization; project economics and the formulation of water development projects.
2. Statutory enactments and court decisions relating to water appropriations, distribution, and the investigation leading to the adjudication of the rights to use water and the practice of distributing water supply under stipulated agreements and court decrees.
3. Design of a wide variety of engineering projects, including hydraulic structures employed in water supply, irrigation, drainage, hydroelectric power production, and flood control and related activities; engineering mathematics, design methods and procedures, properties, and uses of construction materials, standard specifications and pertinent codes, construction methods and equipment and the effect of structural geology and soil conditions on the design and adequacy of structures.
4. Construction, inspection, and maintenance of a wide variety of engineering projects associated with water resource development; methods, materials, accepted safety practices, and equipment employed in construction; and laws, rules, and regulations pertaining to construction, repair and maintenance of water projects.
5. Operation of water development, transport, and control features to meet water conservation, power generation, flood control, drainage, salinity control, navigation, recreation, fish and wildlife requirements, including negotiation and administration of contracts.
6. California Water Plan, California Water Development Program, other activities of the Department of Water Resources, activities of the State Water Resources Control Board and other departments in the Resources Agency engaged in related water resources planning and development.
7. Principles of effective supervision and administration.
8. Department's Equal Employment Opportunity Program objectives.
9. A manager's role in the Equal Employment Opportunity Program and the processes available to meet equal employment opportunity objectives.

B. Ability to:

- 1. Function as a competent specialist in one or more of the fields described above.
- 2. Prepare clear and concise engineering reports.
- 3. Effectively direct the work of subordinates and manage projects in a complex engineering endeavor.
- 4. Establish and maintain cooperative relations with those contacted in the course of the work and represent the department at public meetings.
- 5. Analyze situations accurately and take effective action.
- 6. Effectively contribute to the Department's equal employment opportunity objectives and human resource policies.

CAREER  
CREDITS

Career Credits will be granted in this examination.

VETERANS  
PREFERENCE

Veterans Preference Credit will not be granted.

GENERAL INFORMATION

The Department of Water Resources reserves the right to revise the examination plan to better meet the needs of the service if the circumstances under which this examination was planned change. Such revision will be in accordance with civil service laws and rules and all competitors will be notified.

For any examination without a written feature it is the candidate's responsibility to contact the Selection Services Section of the Department of Water Resources, (916) 653-4838 three weeks after the final filing date if he/she has not received a progress notice.

Applications are available at Department of Water Resources' (DWR) offices, the DWR website: [www.water.ca.gov/jobs/currentexams.cfm](http://www.water.ca.gov/jobs/currentexams.cfm), local office of the Employment Development Department, the State Personnel Board (SPB), and the SPB website: [www.jobs.ca.gov/jobs](http://www.jobs.ca.gov/jobs).

If you meet the requirements stated on the reverse, you may take this examination, which is competitive. Possession of the entrance requirement does not assure a place on the eligible list. All candidates who pass will be ranked according to their scores.

**General Qualifications:** Candidates must possess essential personal qualifications including integrity, initiative, dependability, good judgment, and ability to work cooperatively with others; and a state of health consistent with the ability to perform the assigned duties of the classification.

If a candidate's notice of oral interview fails to reach him/her prior to the day of the interview due to a verified postal error, he/she will be rescheduled upon written request.

**Eligible Lists:** Eligible lists established by competitive examination, regardless of date, must be used in the following order: 1) sub divisional promotional, 2) departmental promotional, 3) multi departmental promotional, 4) service wide promotional, 5) departmental open, 6) open eligible list. When there are two lists of the same kind, the older must be used first. Eligible lists will expire in one to four years unless otherwise stated on this bulletin. In the case of continuous testing examinations, names are merged into the appropriate lists in order of final test scores (except as modified by veterans preference credits) regardless of the date of the test, and the resulting eligible lists will be used only to fill vacancies in the area shown on the bulletin.

TDD is Telecommunications Device for the Deaf and is reachable only from phones equipped with a TDD Device. **California Relay Telephone Service** for the Deaf or hearing impaired: From TDD phones: 1-800-735-2929; From Voice phones: 1-800-735-2922.

For information regarding this examination, please contact Laura Franco at (916) 653-5803.